

Linear

TiMi-M 352

Specification sheet



Dimension	H7.7/W10/L97.3-2014mm (H0.3/W0.39/L3.83-79.29in) (Double tail) H7.7/W10/L90.3-2007mm (H0.3/W0.39/L3.56-79.01in) (Single tail)
PCB increment	83.3mm increment/2000mm max (3.28in increment/78.74in max)
LED pitch	13.9mm - 72LED/m (0.55in - 22LED/ft)
Chip	s/e-line Toyoda Gosei k-line Samsung
Beam angle	120° (No Cover) / 100° (Semi-diffused Cover) / 14° (KKLN-01D)
Colours	s/e-line 2100K/2500K/2700K/3000K/3500K/4000K/5000K s-line Single colours: Red/Green/Blue/Orange/Amber k-line 1900K/2100K/2500K/2700K/3000K/3500K/4000K/5000K
Bin/Step	s-line 2-step MacAdam ellipse e/k-line 3-step MacAdam ellipse
CRI	≥ 90
Lifetime	50,000 hours @ 25°C (50,000 hours @ 77°F)
Operating temp	T _a = -25 to 60°C (T _c max = 75°C) T _a = -13 to 140°F (T _c max = 167°F)
IP rating	IP20
Finish	Silver anodised
Cover/lens	No Cover/Semi-diffused/14° lens accessory
Mounting	Surface mounting via magnet
Power feed	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI



LED Grading Key

Exclusive Grade

s s-line*	*KKDC tuned CCT range
2-step CCT range	
e e-line*	
3-step CCT range	

Base Grade

k k-line	
3-step commercial range Energy Star CCTs	

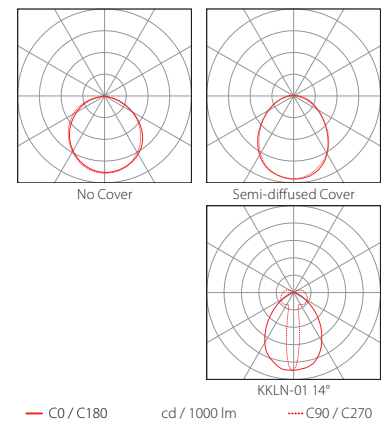
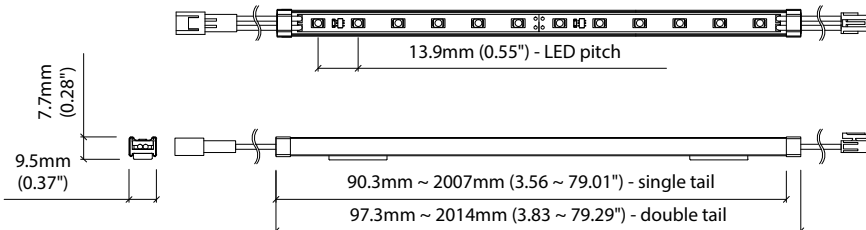
PERFORMANCE DATA @ 3000K

Power consumption	Supply voltage	Supply current
5.5W/m (1.67W/ft)	24V DC	0.23A/m (0.07A/ft)

Colour Rendering Index (CRI)

	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14
k-line	94	97	98	93	93	96	92	83	60	93	94	82	95	99

	No Cover	Semi-diffused	KKLN-01 14°	CRI	R9	Rf	Rg
s/e-line	510lm/m (155lm/ft) 93.2lm/W	440lm/m (134lm/ft) 79.2lm/W	470lm/m (143lm/ft) 85.2lm/W	93	63	91	100
k-line	500lm/m (152lm/ft) 91.8lm/W	430lm/m (131lm/ft) 78lm/W	460lm/m (140lm/ft) 83.9lm/W	92	60	90	100



Data derived from independent UKAS/IESNA LM-79-08 accredited testing of production samples.

TiMi-M 352

Length Availability List

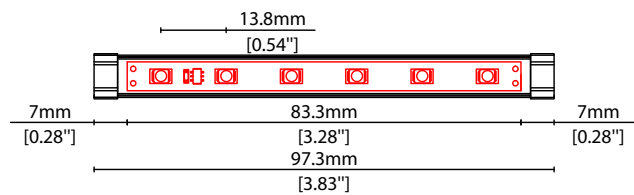


Length Code		Fixture Length ¹		LED Strip ²		End Cap Dimension ³		Wattage (W)	Output (lm)	
Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)		3000K (Test Data)	Range Data
m0097	i0004	97mm	3.83in	83mm	3.28in	N/A	N/A	0.46	42	23-44
m0181	i0007	181mm	7.11in	167mm	6.56in	N/A	N/A	0.92	84	46-88
m0264	i0010	264mm	10.39in	250mm	9.84in	N/A	N/A	1.37	126	69-131
m0347	i0014	347mm	13.68in	333mm	13.12in	N/A	N/A	1.83	168	92-175
m0431	i0017	431mm	16.96in	417mm	16.41in	N/A	N/A	2.29	210	115-219
m0514	i0020	514mm	20.24in	500mm	19.69in	N/A	N/A	2.75	252	139-263
m0597	i0024	597mm	23.52in	583mm	22.97in	N/A	N/A	3.21	295	162-306
m0681	i0027	681mm	26.80in	667mm	26.25in	N/A	N/A	3.67	337	185-350
m0764	i0030	764mm	30.08in	750mm	29.53in	N/A	N/A	4.12	379	208-394
m0847	i0033	847mm	33.36in	833mm	32.81in	N/A	N/A	4.58	421	231-438
m0931	i0037	931mm	36.64in	917mm	36.09in	N/A	N/A	5.04	463	254-481
m1014	i0040	1014mm	39.92in	1000mm	39.37in	N/A	N/A	5.50	505	277-525
m1097	i0043	1097mm	43.21in	1083mm	42.65in	N/A	N/A	5.96	547	300-569
m1181	i0046	1181mm	46.49in	1167mm	45.94in	N/A	N/A	6.42	589	323-613
m1264	i0050	1264mm	49.77in	1250mm	49.22in	N/A	N/A	6.87	631	346-656
m1347	i0053	1347mm	53.05in	1333mm	52.50in	N/A	N/A	7.33	673	370-700
m1431	i0056	1431mm	56.33in	1417mm	55.78in	N/A	N/A	7.79	715	393-744
m1514	i0060	1514mm	59.61in	1500mm	59.06in	N/A	N/A	8.25	757	416-788
m1597	i0063	1597mm	62.89in	1583mm	62.34in	N/A	N/A	8.71	799	439-831
m1681	i0066	1681mm	66.17in	1667mm	65.62in	N/A	N/A	9.17	841	462-875
m1764	i0069	1764mm	69.45in	1750mm	68.90in	N/A	N/A	9.62	884	485-919
m1847	i0073	1847mm	72.74in	1833mm	72.18in	N/A	N/A	10.08	926	508-963
m1931	i0076	1931mm	76.02in	1917mm	75.47in	N/A	N/A	10.54	968	531-1006
m2014	i0079	2014mm	79.30in	2000mm	78.75in	N/A	N/A	11.00	1010	554-1050

¹ Length of fixture including aluminium extrusion and end clamps

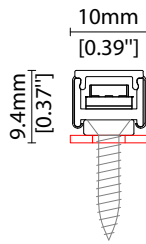
² Fixture without clamps available in this length upon request

³ Overall dimension including both end caps and internal wiring space



MOUNTING OPTIONS

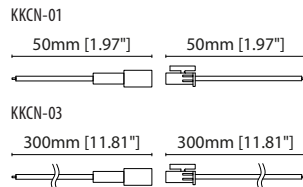
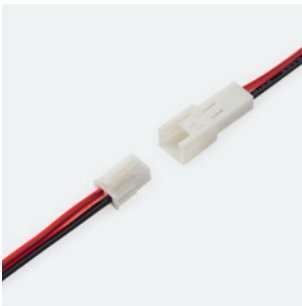
Note: Accessories are to be ordered separately with corresponding code shown below.



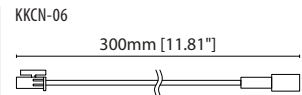
KKBK-20

Steel plate (allow 4 per metre/40")
Steel finish
W10/H9.4mm(W0.37/H9.4")

POWER FEED



KKCN-01 50mm (1.97in) pair
KKCN-03 300mm (11.81in) pair
2 PIN male + female connector set



KKCN-06
2 PIN 300mm (11.81in) extension lead

KKDC CONTROL



IP20
Black plastic housing
L164/W64/H34mm
(L6.46/W2.52/H1.34in)

KKDM-05 1-10V
visDIM dimmable sub-controller



IP20
Black plastic housing
L164/W64/H34mm
(L6.46/W2.52/H1.34in)

KKSC-03A DMX (screw terminal)
visDIM dimmable sub-controller

Linear

TiMi-M 352 Accessories

KKDÖ

KKDC CONTROL (CONTINUED)



IP20
Black plastic housing
L164/W64/H34mm
(L6.46/W2.52/H1.34in)

KKSC-03B DMX (RJ45)
visDIM dimmable sub-controller



IP20
Plastic housing
L170/W59/H29mm
(L6.69/W2.32/H1.14in)

KKDL-02 DALI
visDIM dimmable sub-controller
(4 x 8A max @ 12-36V)



IP20
Plastic housing
L166/W53.4/H23mm
(L6.54/W2.10/H0.91in)

KKDL-03 DALI
visDIM dimmable sub-controller
(4 x 5A max @ 12-36V)

AVAILABLE PSU OPTIONS

Control Mode	PSU (Order Code)	Input Voltage AC	Output Voltage DC	Rated Output Current	Rated Power	Dim %	IP Rating
Switched	CEN-60-24	90-295V	24V	2.5A	60W	-	IP67
	HLG-60H-24	90-305V	24V	2.5A	60W	-	IP67
	HLG-100H-24	90-305V	24V	4.0A	100W	-	IP67
	HLG-150H-24	90-305V	24V	6.3A	150W	-	IP67
	HLG-240H-24	90-305V	24V	10A	240W	-	IP67
0-10V (1-10V)	PWM-40-24	90-305V	24V	1.67A	40W	100-0.15 (100-10)	IP67
	PWM-60-24	90-305V	24V	2.5A	60W	100-0.15 (100-10)	IP67
	PWM-90-24	90-305V	24V	3.67A	90W	100-0.15 (100-10)	IP67
	PWM-120-24	90-305V	24V	5.0A	120W	100-0.15 (100-10)	IP67
DALI	LIN100A1	120-277V	24V	1A per channel	100W	100-0.1	IP66/IP40
DMX RGB	LIN100A1	120-277V	24V	1.33A per channel	100W	100-0.1	IP66/IP40
DMX RGBW	LIN100A1	120-277A	24V	1A per channel	100W	100-0.1	IP66/IP40

Flicker Free Options - Combination of PSU+ sub-controller

Control Mode	PSU (Order Code)	Sub-controller (Order Code)	Input Voltage AC	Output Voltage DC	Rated Output Current	Rated Power	Dim %	IP Rating PSU/ Sub-controller
0-10V or 1-10V	CEN-60-24	KKDM-05	90-295V	24V	2.5A	60W	100-0.9	IP67/IP20
	HLG-60H-24	KKDM-05	90-295V	24V	2.5A	60W	100-0.9	IP67/IP20
	HLG-100H-24	KKDM-05	90-295V	24V	4.0A	100W	100-0.9	IP67/IP20
	HLG-150H-24	KKDM-05	90-295V	24V	6.3A	150W	100-0.9	IP67/IP20
	HLG-240H-24	KKDM-05	90-295V	24V	10.0A	240W	100-0.9	IP67/IP20
	CEN-60-24	KKDL-02/03	90-295V	24V	2.5A	60W	100-0.1	IP67/IP20
DALI	HLG-60H-24	KKDL-02/03	90-305V	24V	2.5A	60W	100-0.1	IP67/IP20
	HLG-100H-24	KKDL-02/03	90-305V	24V	4.0A	100W	100-0.1	IP67/IP20
	HLG-150H-24	KKDL-02/03	90-305V	24V	6.3A	150W	100-0.1	IP67/IP20
	HLG-240H-24	KKDL-02/03	90-305V	24V	10.0A	240W	100-0.1	IP67/IP20
DMX RGB	CEN-60-24	KKSC-03	90-295V	24V	2.5A	60W	100-0.9	IP67/IP20
	HLG-60H-24	KKSC-03	90-305V	24V	2.5A	60W	100-0.9	IP67/IP20
	HLG-100H-24	KKSC-03	90-305V	24V	4A	100W	100-0.9	IP67/IP20
	HLG-150H-24	KKSC-03	90-305V	24V	6.3A	150W	100-0.9	IP67/IP20
	HLG-240H-24	KKSC-03	90-305V	24V	10.0A	240W	100-0.9	IP67/IP20

¹ The items shown above cover the most frequently used specification but does not exhaust the possible options

² PSU and/or driver can be chosen from the table, or KKDC may recommend the best option upon receipt of the controls requirement and installation environment

³ Electrical shop drawing will include detailed information of PSU and relevant control drivers

⁴ Cut sheets are available on the controls section of www.kkdc.lighting or upon request